



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL INTEGRIN ALPHA SUBUNIT AND USES THEREOF, the specification of which:

- ☐ is attached hereto.
☒ was filed on May 15, 2000 as Application Serial No. 09/572,003 and was amended on _____.
☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
09/322,790	May 28, 1999	Pending
09/561,263	April 27, 2000	Pending

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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FISH & RICHARDSON P.C.
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section

Combined Declaration and Power of Attorney

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1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: YANG PAN

Inventor's Signature: *Yang Pan*

Date: 11/9/00

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11/9/00

Full Name of Inventor: JOSE M. LORA

Inventor's Signature: _____

Date: _____

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Citizenship: Spain

Post Office Address: 49 N. Main Street
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Page 2 of 2 Pages

1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Brookline, MA 02146

Full Name of Inventor: JOSE M. LORA

Inventor's Signature:  _____ Date: 11/2/00
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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
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FEBRUARY 07, 2001

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ASSIGNOR:
PAN, YANG

DOC DATE: 11/09/2000

ASSIGNOR:
LORA, JOSE M.

DOC DATE: 11/02/2000

ASSIGNEE:
MILLENNIUM PHARMACEUTICALS, INC.
75 SIDNEY STREET
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SERIAL NUMBER: 09572003
PATENT NUMBER:

FILING DATE: 05/15/2000
ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
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No Docketing Required
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Substitute Form PTO-1595
Attorney Docket No.: 07334-281001
Client's Ref. No.: MBI099-017CP1B

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Yang Pan and Jose M. Lora Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): MILLENNIUM PHARMACEUTICALS, INC. 75 Sidney Street Cambridge, MA 02139 11-20-00 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: November 9, 2000; and November 2, 2000, respectively	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 09/572,003 B. Patent No(s).: 0 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: ANITA L. MEIKLEJOHN, PH.D. Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Anita L. Meiklejohn, Ph.D. Reg. No. 35,283 Name of Person Signing  Signature Reg No 43,567 November 17, 2000 Date	
Total number of pages including coversheet, attachments and document: 4	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

November 17, 2000
Date of Deposit
SignatureCarrie A. Amonte
Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, YANG PAN of ^{Bellingham, WA}~~Brookline, MA~~, and JOSE M. LORA of ^{Y/B}~~Natick, MA~~, hereby assign to: MILLENNIUM PHARMACEUTICALS, INC., a Delaware corporation having a place of business at:

75 Sidney Street
Cambridge, MA 02139; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled NOVEL INTEGRIN ALPHA SUBUNIT AND USES THEREOF, filed May 15, 2000, and assigned U.S. Serial Number 09/572.003, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

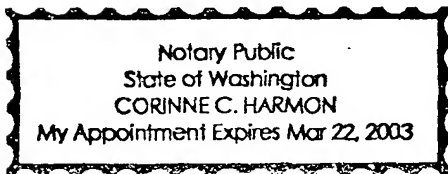
IN WITNESS WHEREOF, I hereto set my hand and seal at SEATTLE, WA,
this 9TH day of Nov., 20 00
Yang Pan L.S.
YANG PAN

State of WA :
: ss.
County of King :

Before me this 9TH day of Nov., 20 00, personally
appeared YANG PAN known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Corinne C. Harmon
Notary Public
My Commission Expires: 03-22-2003

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA
this 2nd day of November, 2000 [Signature] L.S.
JOSE M. LORA

State of Massachusetts :

: ss.

County of Middlesex :

Before me this 2nd day of November, 2000, personally
appeared JOSE M. LORA known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

[Signature: Simone Corriveau]
Notary Public Simone Corriveau
My Commission Expires: 9/1/2006

[Notary's Seal Here]